



**PRAGATI PUBLIC SCHOOL
SUMMER HOLIDAY HOMEWORK
SESSION- 2023-24
CLASS V**



Dear Parents,

The long-awaited Summer Holidays are finally here. This is the time for ‘fun, rest, relaxation, recreation, spending time on hobbies, socializing and indulging in new pursuits. Summers are a time, when children can read, watch movies, travel, play and soak in new experiences. So, this holiday homework is aimed at going beyond the classroom content, through which children will delve into unknown facets of the topic chosen, research, collect data, collate it and learn about amazing things. Children learn by doing and parents involvement in their study will add an extra element of fun and excitement to the project given.

There's a lot of talk about why there's only one Earth and we need to take care of it. But it's captivating to look beyond our own small, blue planet and survey the rest of the solar system to gain a further appreciation of our universe. Learning about the solar system can allow everyone, especially our children, to gain a greater appreciation for the fragility of Mother Earth. Knowing why our planet is extra special and how we can protect that uniqueness helps keep the planet safe and healthy for the generations to live in. Plus, learning about space is fun and interactive for the kids! So, when you're outside at night with your kids, look up! Check out the stars and the moon, and see if you can point out Venus or Mars. You don't need a telescope. You can use binoculars. While you're looking at the sky, talk about light pollution on the horizon.

So, the summers are here and to keep students engaged we have compiled a set of fun-based activities for the Summer Vacation. You may help your child to complete the home-work. HAPPY SUMMERS!





INSTRUCTIONS





- All homework is to be done on A4 size- coloured sheets and compiled in a folder. Design an attractive cover for your file.
- The written part should be neatly presented in your own handwriting

LIFE IN SPACE:



It's time to put your imagination about solar system to work. Prepare your own Space Adventure Booklet using colourful sheets in the shape of our planets and constellations. Design an attractive cover page for Space Adventure Booklet. Your booklet is now ready for writing articles. It must have an index. The topics mentioned below can be chosen:

- How do astronauts live in space where they have to float to move about? Let's take a look at life while working and living in the space shuttle.

Food  What do they eat in space?	Clothes  Do they need special clothes while living and working inside the space shuttle?	Bath  Do they take baths while living and working in the space shuttle?	Sleep  How can they sleep when they are floating in space?
---	---	---	---

- Amazing facts related to space and planets.
- Write any three space related events coming up on the Indian space calendar.
- Create a poem on aliens from the space.
- Vocabulary words related to space and don't forget it is all "About Being Creative". Write a word starting with all the English Alphabets that is related to the space or satellite.
- Guess the Idioms related to the celestial bodies.
- Interesting news/articles related space.
- Create your own poster designing your own imaginative planet as your home and name it.
- Create a comic strip on Futuristic World. For example- Aliens working/helping humans for some work.



B) Story Time- Choose your favourite fairy tale and write the story again as taking place on spaceships or an alien planet. It could happen on a spaceship or among the stars. Have fun creating imaginary scenes and characters.



C) Welcome to the Space Station Word Search!

Find the words listed below in the puzzle-

AIRLOCK CYGNUS NASA SOLAR ARRAY ASTRONAUT

PROGRESS SOYUZ CANADA ARM DRAGON RADIATOR

SPACE SHUTTLE COLUMBUS KIBO RESEARCH MODULE

SCIENCE DESTINY

R	E	Z	Z	U	Y	O	S	T	O	C	S	U	S	R
E	S	B	F	V	S	R	A	R	Z	Y	O	N	S	C
S	S	P	A	C	E	S	H	U	T	T	L	E	E	A
E	D	A	S	C	U	Z	N	S	W	K	A	B	R	J
A	F	N	A	O	K	S	D	S	M	A	R	G	G	G
R	R	Y	N	X	K	P	N	A	T	G	A	Z	O	I
C	M	R	G	C	I	B	O	S	T	Y	R	E	R	O
H	U	S	L	A	B	N	Y	R	R	P	R	R	P	K
U	T	U	A	N	O	M	S	O	C	C	A	O	C	T
N	O	B	Y	A	G	B	L	X	E	H	Y	T	U	B
Y	S	M	P	D	A	Y	Z	L	P	O	I	A	T	Y
Z	C	U	D	A	U	C	U	E	N	D	N	I	A	N
R	I	L	E	A	J	D	R	A	G	O	N	D	M	I
G	E	O	C	R	O	Y	K	C	R	Y	R	A	E	T
N	N	C	U	M	R	W	T	T	W	A	Y	R	B	S
K	C	O	L	R	I	A	S	U	N	G	Y	C	D	E
C	E	Z	E	Y	B	A	Y	Z	N	X	E	P	R	D



1) सौरमंडल के सभी ग्रहों के चित्र बनाइए और प्रत्येक के बारे में 5-5 तथ्य लिखिए

।



2) संसार के महाद्वीपों को मानचित्र पर दर्शाइए और उनके बारे में एक कविता लिखिए ।



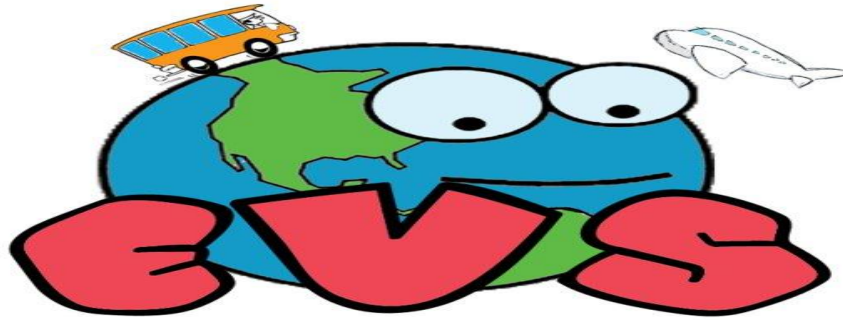
3) पृथ्वी के सात अजूबों के चित्र एकत्र करके एक अलबम बनाइए और प्रत्येक के बारे में 5-5 तथ्य लिखिए ।



4) 'पृथ्वी एक अनोखा ग्रह' इस विषय पर एक अनुच्छेद ए4 साइज शीट पर लिखिए।



5) हिंदी अखबार से प्रतिदिन दो कठिन शब्द छाँटकर लिखिए और उनका वाक्य प्रयोग कीजिए ।



Long ago, many people believed the world was flat. Explorers who loved **geography**—studying the earth—eventually proved it was round. As people learned more and more about what the world looked like, they shared this knowledge with everyone by making globes.

ACTIVITY 1: Creating an earth model is a fun, hands-on way to learn all about our planet. In this project, you'll make a

model of the world, complete with all seven continents and four major oceans.

HOW TO MAKE IT?

Step 1- Start with a large Styrofoam ball: - If you can only find semicircular foam balls, buy two and glue them together.

Step 2- Trace the continents onto the ball: - Draw an outline of the continents onto your ball

Step 3- Paint the land and water: - Paint the continents with green or brown paint, except for Antarctica.

Step 4- Add clay mountains (optional)

Step 5- Display the model: - Glue the globe onto a stand or box so it doesn't roll away.

ACTIVITY 2: Being responsible citizens it becomes our duty to create awareness about environmental issues. Create your own magazine on the theme **“THE UNIVERSE-BEYOND PLANETS AND GALAXIES”**. Make a picture magazine on universe. You can paste pictures of stars, constellations, galaxies, satellites, etc and write interesting facts on them. Draw a beautiful cover page of your magazine using any chart paper or hand-made sheet available with you.

ACTIVITY 3 -Significant Science and Tech Discoveries Ancient India Gave the World

India was actively contributing to the field of science and technology centuries long before modern laboratories were set up. Make a POWERPOINT PRESENTATION (PPT) of the ancient Indian discoveries that introduced and strengthened the fundamentals of modern science. Use pictures also to make your presentation more attractive



1. All the planets have their own moon. Just like Earth has moon, other planets also have their moons and in various quantity. Find out how many moons does these planets have and make a beautiful pictograph on an A-3 size sheet.

S.no.	Planet's name	Number of moons
1.	Mars	
2.	Earth	
3.	Neptune	
4.	Uranus	



2. Diameter differences of planets

1. Find the estimate of the diameter given below to the nearest ten, hundred, thousand and present in the form of table on A3 size sheet.

Paste or draw relevant pictures to make the sheet attractive.

Mercury 4880 km
Venus 12104 km
Earth 12756 km
Mars 6788 km
Jupiter 142740 km

3.a) The average distance between the Earth and the Venus is 25,724,767 Km. Write this in word according to Indian and International number system.

b) The average distance between the Earth and Mars is 48,678,219 Km. Write the successor and predecessor of the given number.

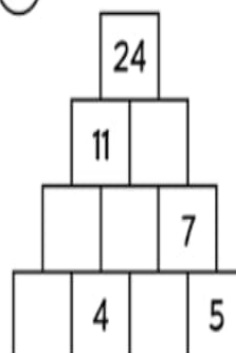
4. Do mental math book worksheets of chapter 1 and 2 in book only.

5. Solve the question bank of chapter -2 in notebook.

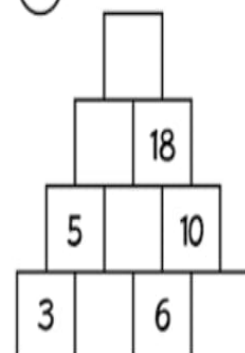
6. Solve the given puzzles.

5	3			7				
6			1	9	5			
	9	8					6	
8				6				3
4			8		3			1
7				2				6
	6					2	8	
			4	1	9			5
				8			7	9

①



②



संस्कृत

- 1- भारत का मानचित्र लगाकर राष्ट्रीय गीत 'वन्दे मातरम्' अर्थ सहित लिखिए।
 - 2- नौ ग्रहों के चित्र लगाकर अथवा बनाकर उनके नाम संस्कृत में लिखिए।
 - 3- भारत के ऐसे गाँव जहाँ संस्कृत भाषा बोल चाल की भाषा है। उन गाँवों के नाम चित्र सहित लिखिए।
- नोट- संपूर्ण कार्य संस्कृत की पुस्तिका (notebook) में कीजिए।